

CLAIMS

What is claimed is:

- 1 1. A pallet comprising a deck, a plurality of legs extending downwardly from
2 said deck, said deck having raised and recessed areas, said raised areas
3 lying in a substantially horizontal top plane, said recessed areas being
4 vertically spaced from said raised areas and lying in a substantially
5 horizontal bottom plane, and an upstanding wall interconnecting said
6 raised and recessed areas.
- 1 2. The pallet of claim 1, wherein said raised and recessed areas are
2 arranged on said deck in an alternating pattern relative to each other.
- 1 3. The pallet of claim 2 further comprising a trench formed centrally within
2 and substantially spanning said deck, said trench having a base that lies
3 in said bottom plane, said raised and recessed areas being formed on
4 both sides of said trench.
- 1 4. The pallet of claim 3 further comprising a support column extending
2 upwardly from the base of said trench and being located adjacent a said
3 recessed area located adjacent to said trench.
- 1 5. The pallet of claim 3 further comprising a spacer extending upward from
2 said base of said trench and having a top surface lying in said top plane.
- 1 6. The pallet of claim 5, wherein said spacer extends across said trench and
2 is located adjacent recessed areas on both sides of said trench and
3 interconnected therewith at said upstanding wall.
- 1 7. The pallet of claim 3 further comprising a reinforcing fold at each end of
2 said trench formed in an outer wall of said deck.
- 1 8. The pallet of claim 1, wherein each of said raised and recessed areas
2 include a drainage hole positioned therein.

- 1 9. The pallet of claim 1, wherein said raised and recessed areas have a
2 polygonal form.
- 1 10. The pallet of claim 1, including three rows of three legs that are aligned
2 with each other and formed integrally with said deck, said legs extending
3 downward below said bottom plane and defining a pair of gaps on either
4 side of a center row of said legs and on either side of a center column of
5 said legs.
- 1 11. The pallet of claim 1, wherein said legs are hollow having a leg base and
2 an upstanding sidewall extending from said leg base to said deck.
- 1 12. The pallet of claim 1, wherein said legs have an open top at said deck,
2 and wherein said sidewall of each said leg tapers from said top inward
3 toward said base defining a tapered recess.
- 1 13. The pallet of claim 11, wherein said upstanding sidewall of each of said
2 legs defines a plurality of folds adapted to resist buckling loads placed on
3 said deck.
- 1 14. The pallet of claim 13, wherein said folds include at least one convex fold
2 and at least one concave fold.
- 1 15. The pallet of claim 11, wherein said legs have a generally rectangular
2 profile and wherein said upstanding sidewall of each said leg includes a
3 plurality of reinforcing folds, wherein said folds include convex folds
4 formed at each corner of each said leg and spaced from each other by at
5 least one concave fold and wherein an additional convex fold is formed
6 along each long side of said leg between said convex folds formed at said
7 corners, wherein said additional convex fold is spaced from said folds at
8 said corners by at least one concave fold.

- 1 16. The pallet of claim 11, wherein said base of said legs includes a drainage
2 hole.
- 1 17. The pallet of claim 1 further comprising a hold.
- 1 18. The pallet of claim 10, wherein said hold is an opening formed in said
2 deck.
- 1 19. The pallet of claim 1, wherein said deck has an outer wall formed about
2 its periphery and a rim extending outwardly from said deck beyond said
3 outer wall.
- 1 20. The pallet of claim 1, wherein the pallet is constructed of a polymeric
2 material.
- 1 21. The pallet of claim 20, wherein the pallet is formed as a unitary structure.
- 1 22. A pallet comprising a deck having a plurality of raised and recessed
2 areas, said raised areas lying in a substantially horizontal top plane and
3 said recessed areas lying in a substantially horizontal bottom plane, said
4 top and bottom planes being vertically spaced from each other, wherein
5 said raised and recessed areas include planar webs having a polygonal
6 shape, said webs lying respectively in said top and bottom planes and
7 interconnected to each other by an upstanding wall, said raised and
8 recessed areas are being arranged on said deck in an alternating pattern,
9 and a plurality of legs extending downward from said deck below said
10 bottom plane defining a gap beneath said bottom plane and between said
11 legs.